Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 09 Jan 2022 until 23:59 on Monday 10 Jan 2022

Forecast Issued on Saturday 08 Jan 2022 at 12:42

Confidence: High for general developments. Medium for cloud details.

Headline for Sunday 09 Jan 2022: Outbreaks of rain and snow. Strong summits winds.

Mountain weather hazards on Sunday 09 Jan 2022

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Cloudy	Cloudy	Cloudy	Heavy snow	Sleet	Sleet	Fog
Precipitation probability							
40%	30%	30%	30%	60%	70%	50%	30%

Forecast for Sunday 09 Jan 2022

Weather: Mostly cloudy with outbreaks of rain and snow, heavy at times, blizzard conditions possible at times over the summits. Snow initially around 500m but rising to around the highest summits in the afternoon. Some drier spells early and later in the day.

Chance of cloud free mountain/hill tops above 800m: Nil to 30%.

Visibility: Moderate or poor in rain and snow, occasionally very poor at height. Good at times lower down. Extensive cloud, base 600 to 900m.

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Mountain Weather Forecast

Forecast for Sunday 09 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	34/41 W	28/35 W	30/37 W	28/35 W	29/36 W	28/35 W	21/26 W	14/18 W	9/11 SE
600	27/36 W	24/33 W	26/36 W	24/33 W	24/33 W	24/33 W	18/25 W	12/18 W	5/7 S
300	11/30 NW	10/27 W	11/28 W	11/27 W	10/27 W	11/28 W	8/21 W	6/15 NW	2/7 W
Valley	11/28 W	10/25 W	12/28 W	11/25 W	11/26 W	11/25 W	8/20 W	6/14 NW	2/3 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-12	-3/-12	-2/-11	-2/-10	-1/-9	-0/-8	0/-6	0/-5	1/-3
600	-0/-8	-1/-8	-0/-8	0/-7	1/-6	2/-5	2/-4	2/-2	2/0
300	2/-3	2/-2	2/-2	3/-2	3/-0	4/0	4/1	4/2	3/2
Valley	4/0	4/1	4/1	5/1	6/3	6/3	6/4	6/4	5/4
Freezing Level*	500m	500m	600m	600m	800m	900m	900m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Small risk of thunderstorms.

Forecast for Monday 10 Jan 2022

Weather: Mainly dry overnight and early morning with clear spells, although patchy cloud over the summits. Cloudy and overcast with outbreaks of rain and drizzle during the afternoon and evening.

Maximum wind: South 20 to 25mph gusting 35mph

Chance of cloud free mountain/hill tops above 800m: 60% overnight and during the morning. Becoming Nil to 20% during the afternoon and evening.

Visibility: Good or very good becoming moderate or poor in rain and drizzle. Very poor at times at height. Occasional or patchy cloud near the summits, becoming extensive 600m or less during the afternoon and evening.

Temperature: **Valleys:** Plus 2 Celsius rising to 8 Celsius
At 800m: Plus 1 Celsius rising to 4 Celsius
Freezing level: Around the summits at first, otherwise above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date Saturday 8 January. Location Catstye Cam summit at 1345. Temperature plus 0.6 degC. Maximum wind speed 29.6mph.Wind chill minus 7.8degC. Average wind speed 22.5mph

Full report:

A mild and wet start to the day with improving and cooler conditions arriving in the afternoon. The snow line starts at roughly 350-400m although this lifted through the day.

Snow distribution is quite varied with north and east-facing slopes generally holding the greatest accumulations of snow, and west through south-facing slopes hold the least.

Patches of ice are also present underneath the snow in some areas, particularly around drainage lines at mid-elevation. Snow depth varies significantly from almost nothing over high exposed ground to knee-deep drifts in other places. Small cornices are also present around corrie rims and should be given a wide berth.

All of the snow encountered today was soft and wet, however, with the freezing level forecast to drop to around 600m overnight, more ice will be present and the snow is likely to be very hard and icy. In these conditions, a slip or fall even on moderately steep ground could have very serious consequences. Striding and Swirral edge are in winter condition and should only be attempted by those with suitable experience and the correct equipment. For anyone venturing above the snowline tomorrow, microspikes and walking poles are advisable and if you are planning routes over or above steep ground, an ice axe and crampons are essential. Warm and waterproof clothing including hats/ gloves, headtorch, map, and compass are also essential.This is an automated email. If you need a response please email felltop.assessors@lakedistrict.gov.uk

Issued at: 1242 on Sat 08 Jan 2022

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